

10-01-01

A

10/12/01



Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

09/27/01
JC986 U.S. PTO 097967770

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390P12033
(maximum 12 characters)First Named Inventor Eric C. Hannah, et al.Title: ELECTRON SPIN MECHANISMS FOR INDUCING MAGNETIC-POLARIZATION REVERSAL
Express Mail Label No. EL627465945US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant Claims Small Entity Status. (37 CFR 1.27)
3. Specification (Total Pages 52)
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawings(s) (35 USC 113) (Total Sheets 12)
5. Oath or Declaration (Total Pages 5)
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. Application Data Sheet. (37 CFR 1.76)
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & documents(s))
 - a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
10.

_____ b. Power of Attorney

11. _____ English Translation Document (if applicable)

12. _____ a. Information Disclosure Statement (IDS)/PTO-1449

_____ b. Copies of IDS Citations

13. _____ **Preliminary Amendment**

14. **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**

15. _____ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. _____ **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**

17. Other: Copy of return receipt postcard with certificate of mailing and express mail label number

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
 Of Prior Application No.: _____ Examiner _____ Group Art Unit _____
 (which is a continuation/ divisional/ CIP of prior application no. _____)
 which is a continuation/ divisional/ CIP of prior application no. _____ (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.
For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel No. _____ Frame No. _____ (or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label _____
 or _____ (Insert Customer No. or Attach Bar Code Label here)
 Correspondence Address Below

NAME Michael A. Bernadicou

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE): Michael A. Bernadicou Registration No.: 35,934

Signature: Michael A. Bernadicou Date: 9/27/01

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|--|----------|
| Fee | Fee | | |
| Code | Code | | |
| (\$) | (\$) | | |
| 105 | 130 | Surcharge - late filing fee or late | |
| 127 | 50 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | Non-English specification | |
| 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | Extension for reply within first month | |
| 116 | 390 | Extension for reply within second month | |
| 117 | 890 | Extension for reply within third month | |
| 118 | 1,390 | Extension for reply within fourth month | |
| 128 | 1,890 | Extension for reply within fifth month | |
| 119 | 310 | Notice of Appeal | |
| 120 | 310 | Filing a brief in support of an appeal | |
| 121 | 270 | Request for oral hearing | |
| 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | Petition to revive - unavoidable | |
| 141 | 1,240 | Petition to revive - unintentional | |
| 142 | 1,240 | Utility issue fee (or reissue) | |
| 143 | 440 | Design issue fee | |
| 144 | 600 | Plant issue fee | |
| 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 |
| 146 | 710 | For filing a submission after final rejection (see 37 CFR 1.129(a)) | |
| 149 | 710 | For each additional invention to be examined (see 37 CFR 1.129(b)) | |
| 179 | 710 | Request for Continued Examination (RCE) | |
| 169 | 900 | Request for expedited examination of a design application | |
| 195 | 300 | Publication fee for early, voluntary, or normal publication | |
| 196 | 300 | Publication fee for republication | |
| 194 | 130 | Request for voluntary publication or republication | |
| 098 | 130 | Processing fee under 37 CFR 1.17(i) | |
| 091 | 1,240 | Acceptance of unintentionally delayed claim for priority | |

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 40.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Michael A. Bernadicou

Signature: Michael A. Bernadicou Date: 9/27/01

Reg. Number: 35,934 Telephone Number: (408) 720-8300

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL627465-945US

Date of Deposit: September 27, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Manjula M Peesaru
(Typed or printed name of person mailing paper or fee)

My P
(Signature of person mailing paper or fee)

9/27/01
(Date signed)

Serial/Patent No.: Not Yet Assigned Filing/Issue Date: September 27, 2001
Client: Intel Corporation
Title: Electron Spin Mechanisms for Inducing Magnetic-Polarization Reversal
BSTZ File No.: 42390P12033 Atty/Secty Initials: MAB/MSP/mmp
Date Mailed: September 27, 2001 Docket Due Date: ***

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

Amendment/Response (____ pgs.) Express Mail No: EL627465945US Check No. 45527
 Appeal Brief (____ pgs.) (in triplicate) _____ Month(s) Extension of Time Amt: 710.00
 Application - Utility 52 pgs., with cover and abstract _____ Check No. 45529
 Application - Rule 1.53(b) Continuation (____ pgs.) _____ Amt: 1598.00
 Application - Rule 1.53(b) Divisional (____ pgs.) _____
 Application - Rule 1.53(b) CIP (____ pgs.) _____
 Application - Rule 1.53(d) CPA Transmittal (____ pgs.) _____
 Application - Design (____ pgs.) _____
 Application - PCT (____ pgs.) _____
 Application - Provisional (____ pgs.) _____
 Assignment and Cover Sheet _____
 Certificate of Mailing _____
 Declaration & POA (____ pgs.) _____
 Disclosure Docs & Org & Copy of Invents Signed Letter (____ pgs.) _____
 Drawings: 12 # of sheets includes 12 figures _____
 Postcard _____
 Power of Attorney (____ pgs.) _____
 Preliminary Amendment (____ pgs.) _____
 Reply Brief (____ pgs.) _____
 Response to Notice of Missing Parts _____
 Small Entity Declaration for Indep. Inventor/Small Business _____
 Transmittal Letter, in duplicate _____
 Fee Transmittal, in duplicate _____

Other: Copy of postcard with express mail label number and Certificate of Mailing

EL627465945US